DIALOG DRIVEN PERSONAL INFORMATION MANAGER

Abstract

A personal information manager including a data input device receiving an audio data stream, and decoding the data stream into text. A dialog manager is provided having a record mode and a dialog mode, the dialog manager examines the decoded text received to determine whether it contains one of an explicit and an implicit data processing request. The dialog manager immediately passing explicit data processing requests and queuing implicit data processing requests. An information storage/retrieval module is provided for storing and retrieving data from a database. The information storage/retrieval module executing data processing requests specified by the dialog manager. A an output module is provided for converting text received from the dialog module into speech and outputting the speech in response to a data processing request. The dialog manager passing implicit processing requests to the information storage/retrieval module during periods of inactivity.